

=> b reg;d que sta 115
FILE 'REGISTRY' ENTERED AT 17:40:51 ON 19 SEP 2007
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STRUCTURE FILE UPDATES: 18 SEP 2007 HIGHEST RN 947490-11-1
DICTIONARY FILE UPDATES: 18 SEP 2007 HIGHEST RN 947490-11-1

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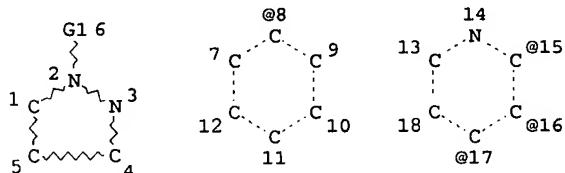
TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

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REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

L3 STR



VAR G1=8/16/17

NODE ATTRIBUTES:

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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

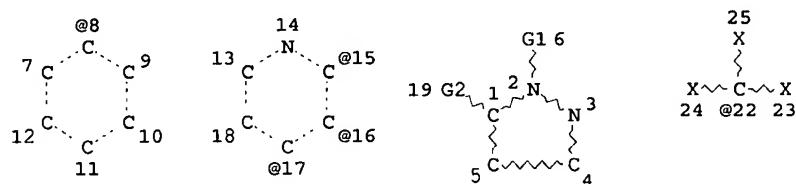
RSPEC 2 7 13

NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE

L4 (239539) SEA FILE=REGISTRY SSS FUL L3

L5 STR



28

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VAR G1=8/15/16/17

VAR G2=AK/20/CB/22

NODE ATTRIBUTES:

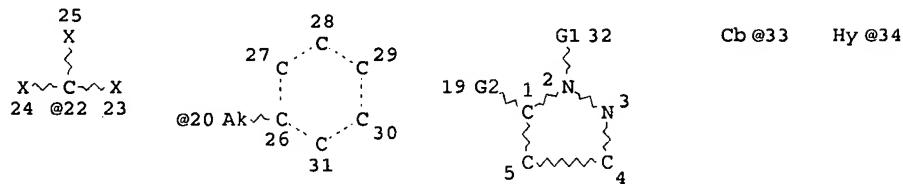
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DEFAULT ECLEVEL IS LIMITED

ECOUNT IS M1-X5 C AT 20

GRAPH ATTRIBUTES:
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 NUMBER OF NODES IS 30

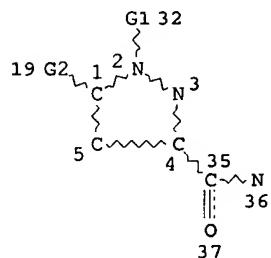
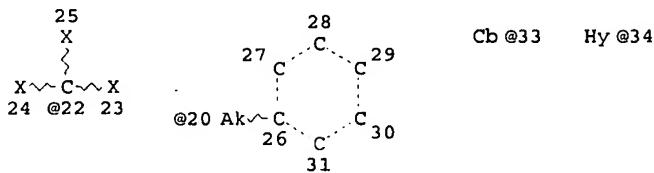
STEREO ATTRIBUTES: NONE
 L6 (59980) SEA FILE=REGISTRY SUB=L4 SSS FUL L5
 L7 STR



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 VAR G2=AK/20/CB/22
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 DEFAULT ECLEVEL IS LIMITED
 ECOUNT IS M1-X5 C AT 20
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GRAPH ATTRIBUTES:
 RSPEC 2
 NUMBER OF NODES IS 20

STEREO ATTRIBUTES: NONE
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 L9 STR

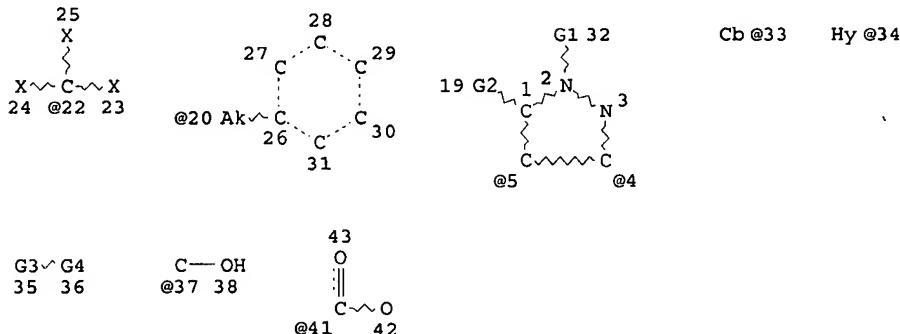


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GRAPH ATTRIBUTES:
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 NUMBER OF NODES IS 23

STEREO ATTRIBUTES: NONE

L10 (2389) SEA FILE=REGISTRY SUB=L8 SSS FUL L9
 L11 (27954) SEA FILE=REGISTRY ABB=ON PLU=ON L8 NOT L10
 L12 4795 SEA FILE=REGISTRY ABB=ON PLU=ON L11 AND 46.156.30/RID
 L13 STR



VAR G1=33/34
 VAR G2=AK/20/CB/22

VAR G3=4/5

VAR G4=37/CHO/41

NODE ATTRIBUTES:

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GRAPH ATTRIBUTES:

RSPEC 2
 NUMBER OF NODES IS 27

STEREO ATTRIBUTES: NONE

L15 144 SEA FILE=REGISTRY SUB=L12 SSS FUL L13

100.0% PROCESSED 4491 ITERATIONS 144 ANSWERS
 SEARCH TIME: 00.00.01

=> b hcap
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FILE COVERS 1907 - 19 Sep 2007 VOL 147 ISS 13
 FILE LAST UPDATED: 18 Sep 2007 (20070918/ED)

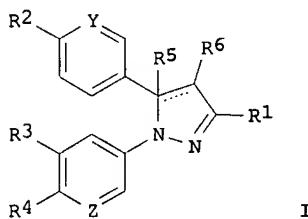
New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d bib abs hitstr 124 tot

L24 ANSWER 1 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:325402 HCAPLUS
 DN 145:103666
 TI Preparation of pyrazoles as cyclooxygenase inhibitors
 PA Fujisawa Pharmaceutical Co., Ltd., Japan
 SO Aust. Pat. Appl., 68 pp.
 CODEN: AUXXCM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	AU2004200420	A1	20040930	2004AU-0200420	20040206 <--
PRAI	2003AU-0901100	A	20030311		<--
OS	MARPAT 145:103666				
GI					

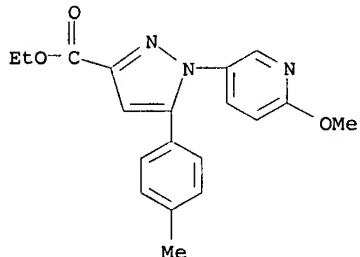


AB The title compds. I [R1 = halo, CN, alkylcarbonyl, etc.; R2 = halo, CN, alkyl, etc.; R3 = H, alkyl; R4 = halo, CN, NO₂, alkyl, etc.; or R3 and R4 may form 2,3-dihydrofuryl; R5 = OH and R6 = H in case of single bond between carbon atoms to which R5 and R6 are attached; or R5 and R6 do not exist in case of double bond; Y = CH and Z = N, Y = N and Z = CH, or Y = N and Z = N], useful for treating and/or preventing inflammatory conditions, various pains, collagen disease, autoimmune diseases, various immunity diseases, thrombosis, cancer or neurodegenerative diseases, were prepared. Thus, treating a solution of 5-amino-2-methoxypyridine in 1N HCl with sodium nitrite and with tin (II) chloride dihydrate followed by addition of 4-(4,4-difluoro-3-oxobutanoyl)benzonitrile and acetic acid afforded 32% 5-(4-cyanophenyl)-3-difluoromethyl-1-(6-methoxy-3-pyridyl)-1H-pyrazole which showed IC₅₀ of <0.01 μM against COX-1. Pharmaceutical composition comprising the compound I is disclosed.

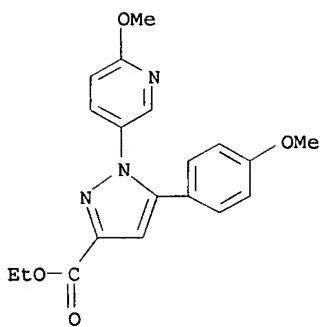
IT 741286-77-1P 741286-88-4P 896133-10-1P
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (preparation of pyrazoles as cyclooxygenase inhibitors)

RN 741286-77-1 HCAPLUS

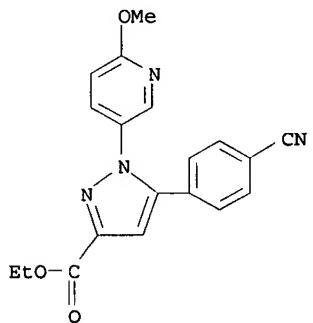
CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-(4-methylphenyl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 741286-88-4 HCAPLUS
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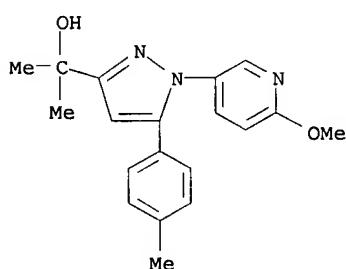


RN 896133-10-1 HCAPLUS
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IT 896133-22-5P
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 (preparation of pyrazoles as cyclooxygenase inhibitors)

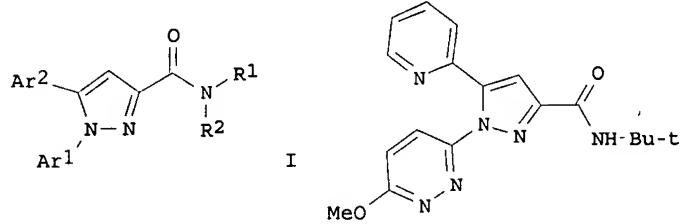
RN 896133-22-5 HCAPLUS
 CN 1H-Pyrazole-3-methanol, 1-(6-methoxy-3-pyridinyl)-alpha,alpha-dimethyl-5-(4-methylphenyl)- (CA INDEX NAME)



L24 ANSWER 2 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 2005:612279 HCAPLUS
 DN 143:133365
 TI Preparation of pyrazole carboxamide derivatives as platelet aggregation inhibitors for treatment of ischemia
 IN Kanaya, Naoki; Ishiyama, Takashi; Muto, Ryo; Ochiai, Yuichi; Watanabe, Toshiyuki; Kuru, Noriko
 PA Daiichi Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 329 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese

FAN, CNT 1

PATENT NO.		KIND	DATE	APPLICATION NO.	DATE
PI	WO2005063737	A1	20050714	2004WO-JP19582	20041227 <-
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	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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	CA---2551604	A1	20050714	2004CA-2551604	20041227 <-
	EP---1698626	A1	20060906	2004EP-0807937	20041227 <-
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	CN---1902191	A	20070124	CN 2004-80039042	20041227 <-
	MX2006PA07424	A	20060913	2006MX-PA07424	20060626 <-
	NO200603090	A	20060921	2006NO-0003090	20060704 <-
PRAI	2003JP-0434726	A	20031226	<-	
	2004JP-0012154	A	20040120	<-	
	2004JP-0321117	A	20041104		
	2004WO-JP19582	W	20041227		
OS	MARPAT 143:133365				
GI					



AB Title compds. represented by the formula I [wherein Ar1, Ar2 = independently (un)substituted (hetero)aryl; R1 = alkyl, alkoxy carbonyl, acyl, etc.; R2 = H, alkyl; and their salts or solvates thereof] were prepared as platelet aggregation inhibitors. For example, II was given in a multi-step synthesis starting from 5-amino-2-methoxypyridine. I showed inhibition of platelet aggregation, but not for COX-1 and COX-2. Thus, I and their pharmaceutical compns. are useful prepared as platelet aggregation inhibitors for the treatment of ischemia.

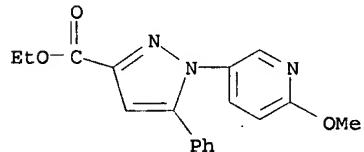
IT 741286-83-9P 741287-84-3P 858598-00-2P

858598-10-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of pyrazole carboxamide derivs. as platelet aggregation inhibitors of the COX-1 type)

inhibitors for trypsin

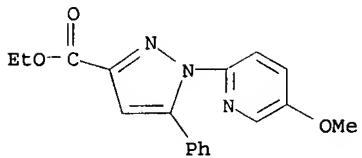
RN 741286-83-9 HCAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



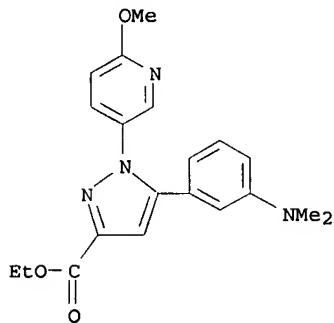
RN 741287-84-3 HCAPLUS

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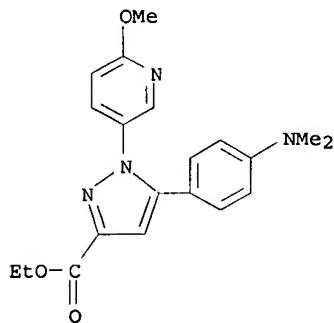
ester (9CI) (CA INDEX NAME)



RN 858598-00-2 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 5-[3-(dimethylamino)phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 858598-10-4 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 5-[4-(dimethylamino)phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)

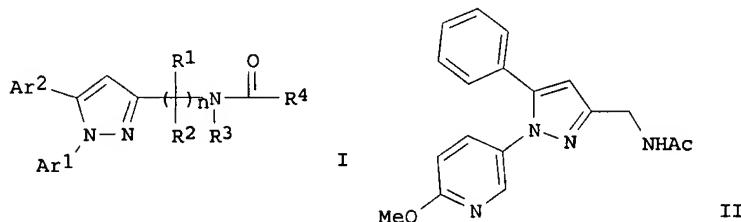


RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 3 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 2005:612278 HCAPLUS
 DN 143:133364
 TI Preparation of pyrazole carboxamide derivatives as platelet aggregation inhibitors for treatment of ischemia
 IN Horino, Haruhiko; Kanaya, Naoki
 PA Daiichi Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 60 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO2005063736	A1	20050714	2004WO-JP19310	20041224 <--
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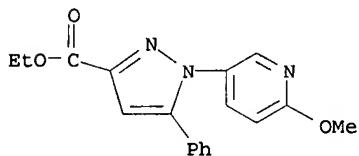
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 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG
 JP20070784437 A 20070405 2003JP-0433974 20031226 <--
 PRAI 2003JP-0433974 A 20031226 <--
 OS MARPAT 143:133364
 GI



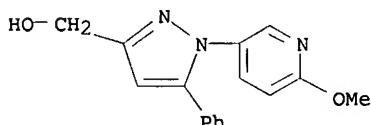
AB Title compds. represented by the formula I [wherein Ar1, Ar2 = independently (un)substituted (hetero)aryl; R1, R2 = independently H or alkyl; R3 = H or (un)substituted alkyl; R4 = (un)substituted alkyl, amino, alkoxy, carbamoyl, heterocyclyl; n = 0 or 1; and their salts or solvates thereof] were prepared as platelet aggregation inhibitors. For example, II was given in a multi-step synthesis starting from 5-amino-2-methoxypyridine. I showed inhibition of platelet aggregation, but not for COX-1 and COX-2. Thus, I and their pharmaceutical compns. are useful as platelet aggregation inhibitors for the treatment of ischemia.

IT 741286-83-9P 741287-25-2P 858520-67-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of pyrazole carboxamide derivs. as platelet aggregation inhibitors for treatment of ischemia)

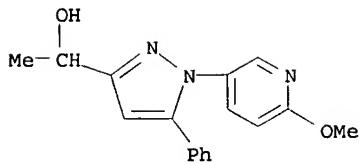
RN 741286-83-9 HCPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



RN 741287-25-2 HCPLUS
 CN 1H-Pyrazole-3-methanol, 1-(6-methoxy-3-pyridinyl)-5-phenyl- (9CI) (CA INDEX NAME)



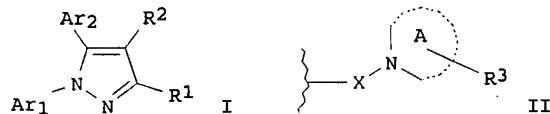
RN 858520-67-9 HCPLUS
 CN 1H-Pyrazole-3-methanol, 1-(6-methoxy-3-pyridinyl)- α -methyl-5-phenyl- (9CI) (CA INDEX NAME)



RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 4 OF 9 HCPLUS COPYRIGHT 2007 ACS on STN
AN 2004:675738 HCPLUS
DN 141:207201
TI Preparation of pyrazole derivatives as antiplatelet aggregation agents for the treatment of ischemic diseases
IN Kanaya, Naoki; Ishihara, Hiroaki; Kimura, Youichi; Ishiyama, Takashi; Ochiai, Yuichi
PA Daiichi Pharmaceutical Co., Ltd., Japan
SO PCT Int. Appl., 383 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO2004069824	A1	20040819	2004WO-JP01259	20040206 <--
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CA---2515119	A1	20040819	2004CA-2515119	20040206 <--
EP---1591443	A1	20051102	2004EP-0708886	20040206 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN---1759110	A	20060412	CN 2004-80006550	20040206 <--
IN2005DN03167	A	20070525	2005IN-DN03167	20050718 <--
NO2005003648	A	20051101	2005NO-0003648	20050727 <--
US2006128685	A1	20060615	2005US-0543915	20050729 <--
PRAI 2003JP-0031639	A	20030207	<--	
2003JP-0386515	A	20031117	<--	
2004WO-JP01259	W	20040206	<--	
OS MARPAT 141:207201				
GI				



AB Title compds. I [Ar1 = aromatic heterocycle; Ar2 = aromatic heterocycle, etc.; R1 = II; A = cycle containing N, S, O; X = carbonyl, etc.; R3 = H, halo, etc.] were prepared. For example, N-(3-Dimethylaminopropyl)-N'-ethylcarbodiimide HCl mediated acylation of N-cyclopropylpiperazine hydrochloride with 1-(6-methoxy-3-pyridyl)-5-(2-pyridyl)pyrazole-3-carboxylic acid, e.g., prepared from 2-acetylpyridine in 3 steps, afforded compound I [Ar1 = 2-methoxypyridin-5-yl; Ar2 = 2-pyridyl; R1 = 1-cyclopropylpiperazine-4-carbonyl; R2 = H] in 83% yield. In antiplatelet activity assays, the IC50 value of compound I [Ar1 = 2-methoxypyridin-5-yl; Ar2 = 2-pyridyl; R1 = 1-cyclopropylpiperazine-4-carbonyl; R2 = H] was 0.035 μ M. Of note, compds. I inhibited neither COX-1 nor COX-2. Compds. I are claimed useful for the treatment of ischemic diseases.

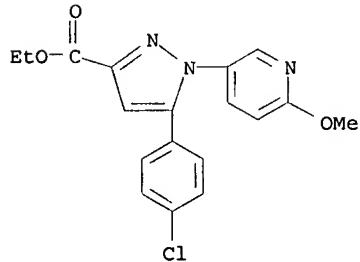
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741286-47-5P 741286-53-3P 741286-77-1P
741286-81-7P 741286-83-9P 741286-88-4P

741286-91-9P 741286-93-1P 741286-95-3P
 741287-25-2P 741287-66-1P 741287-78-5P
 741287-84-3P 741291-47-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of pyrazole derivs. as antiplatelet aggregation agents for treatment of ischemic diseases)

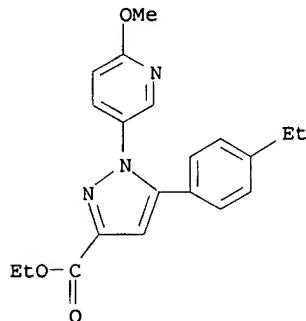
RN 741286-30-6 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



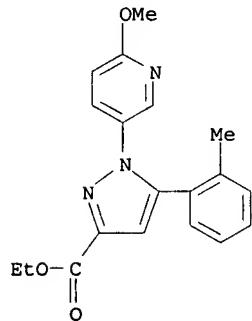
RN 741286-33-9 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-ethylphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



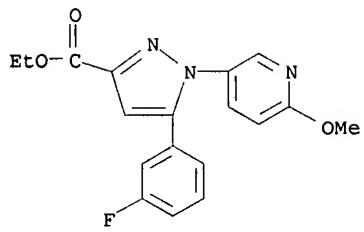
RN 741286-43-1 HCAPLUS

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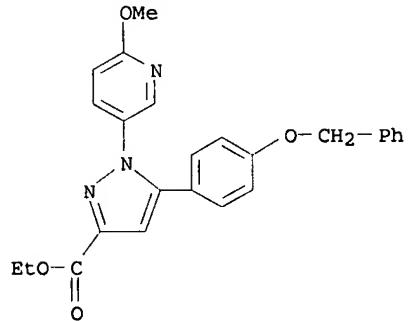


RN 741286-47-5 HCAPLUS

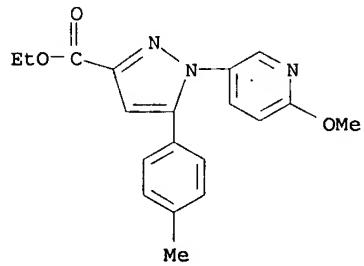
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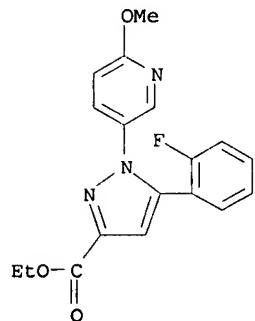
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RN 741286-77-1 HCAPLUS
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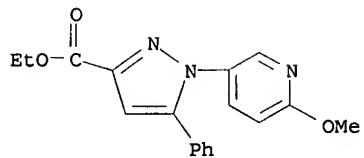


RN 741286-81-7 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 5-(2-fluorophenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)

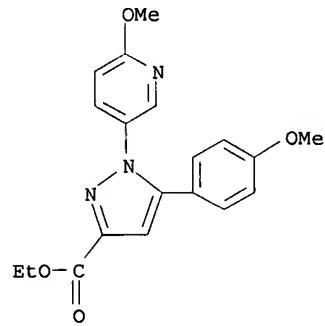


RN 741286-83-9 HCAPLUS
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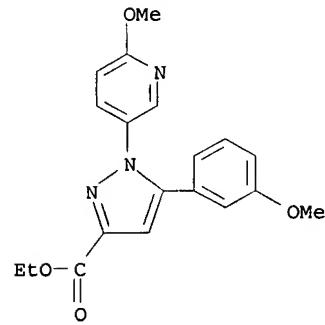
ester (9CI) (CA INDEX NAME)



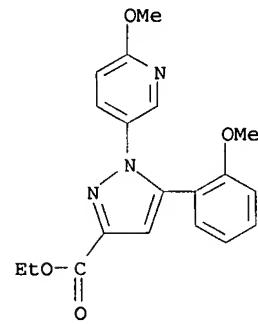
RN 741286-88-4 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 5-(4-methoxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 741286-91-9 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 5-(3-methoxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)

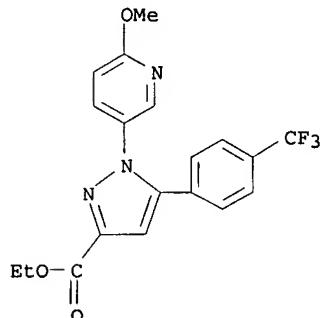


RN 741286-93-1 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 5-(2-methoxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



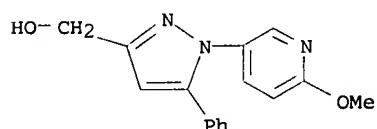
RN 741286-95-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-[4-(trifluoromethyl)phenyl]-, ethyl ester (9CI) (CA INDEX NAME)



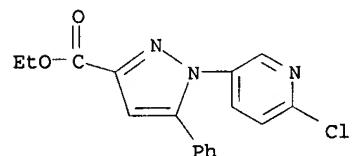
RN 741287-25-2 HCAPLUS

CN 1H-Pyrazole-3-methanol, 1-(6-methoxy-3-pyridinyl)-5-phenyl- (9CI) (CA INDEX NAME)



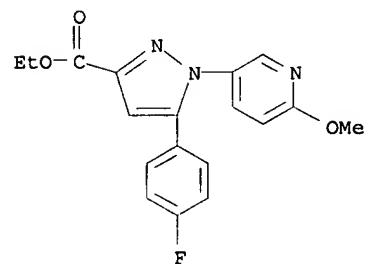
RN 741287-66-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(6-chloro-3-pyridinyl)-5-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



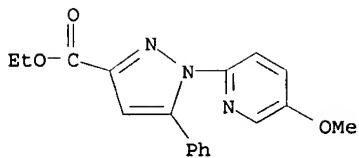
RN 741287-78-5 HCAPLUS

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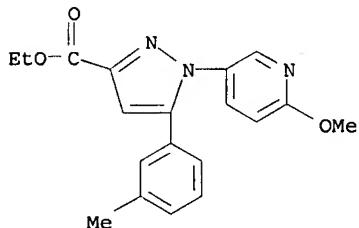


RN 741287-84-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(5-methoxy-2-pyridinyl)-5-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



RN 741291-47-4 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-(3-methylphenyl)-, ethyl ester (9CI) (CA INDEX NAME)



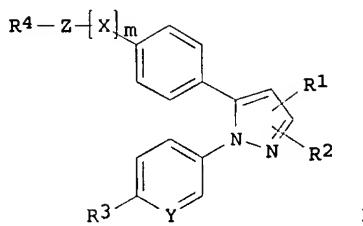
L24 ANSWER 5 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 2004:493684 HCAPLUS
 DN 141:54327
 TI Preparation of pyrazole derivatives useful as COX-1 inhibitors
 IN Shirai, Fumiyuki; Azami, Hidenori; Kayakiri, Natsuko; Okumura, Kazuo; Nakamura, Katsuya
 PA Fujisawa Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 436 pp.

CODEN: PIXXD2
 DT Patent
 LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO2004050632	A1	20040617	2003WO-JP14489	20031114 <--
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	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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	CN--1717393	A	20060104	CN 2003-80104548	20031114 <--
	JP2006514095	T	20060427	2004JP-0570721	20031114 <--
	MX2005PA05742	A	20050816	2005MX-PA05742	20050530 <--
	IN2005CN01453	A	20070622	2005IN-CN01453	20050629 <--
	NO2005003215	A	20050901	2005NO-0003215	20050630 <--
PRAI	2002AU-0953019	A	20021202	<--	
	2002AU-0953602	A	20021230	<--	
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OS MARPAT 141:54327
 GI

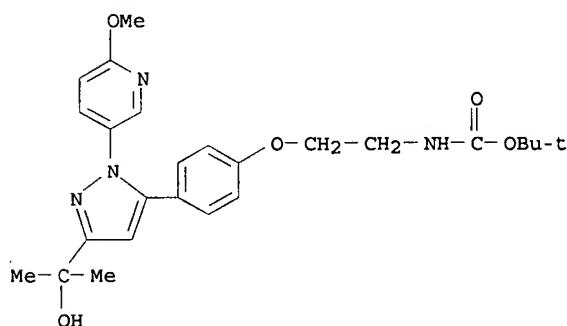


AB The compds. [I; R1 = H, alkyl; R2 = alkyl, haloalkyl, hydroxyalkyl, etc.; R3 = alkoxy, halo, CN, etc. ; R4 = H, CN, OH, etc.; X = O, S, SO, SO2; Y = CH, N; Z = alkylene, alkenylene; m = 0-1], were prepared E.g., a 3-step synthesis of 4-[3-isopropyl-1-(4-methoxyphenyl)-1H-pyrazol-5-yl]phenol, was given. The compds. I have an inhibiting activity against COX, particularly a selective inhibiting activity against COX-1 (data for representative compds. I is given). The pharmaceutical composition comprising the compound I is claimed.

IT 705933-46-6P
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (preparation of pyrazole derivs. useful as COX-1 inhibitors)

RN 705933-46-6 HCAPLUS

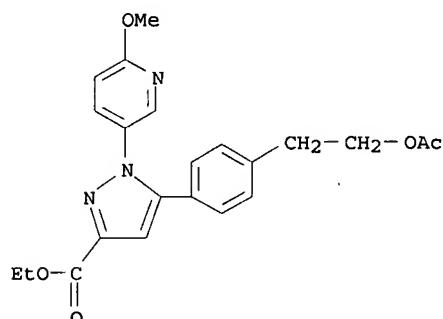
CN Carbamic acid, [2-[4-[3-(1-hydroxy-1-methylethyl)-1-(6-methoxy-3-pyridinyl)-1H-pyrazol-5-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



IT 705934-45-8P 705935-79-1P 705936-08-9P
 705936-11-4P 705937-87-7P 705938-84-7P
 705938-88-1P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of pyrazole derivs. useful as COX-1 inhibitors)

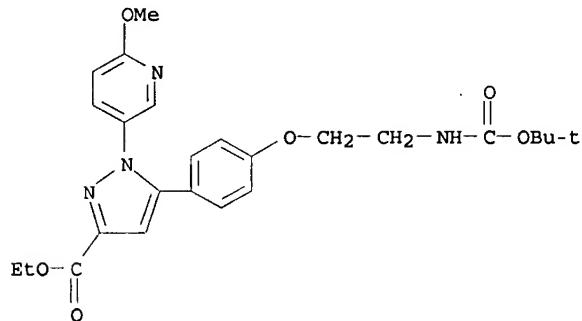
RN 705934-45-8 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-[2-(acetoxyethyl)phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



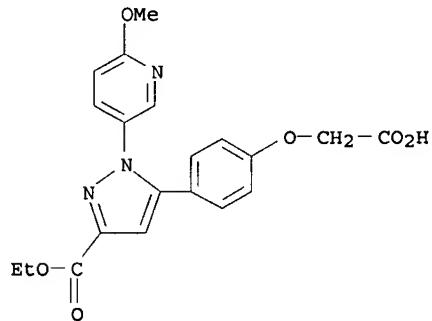
RN 705935-79-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-[2-[[[(1,1-dimethylethoxy)carbonyl]amino]ethoxy]phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



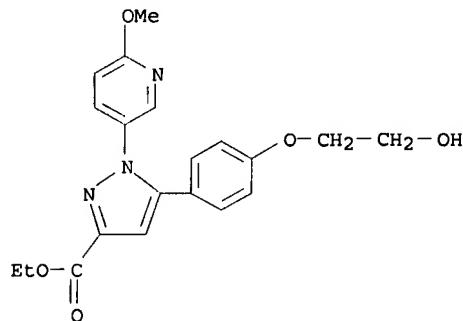
RN 705936-08-9 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-(carboxymethoxy)phenyl]-1-(6-methoxy-3-pyridinyl)-, 3-ethyl ester (9CI) (CA INDEX NAME)



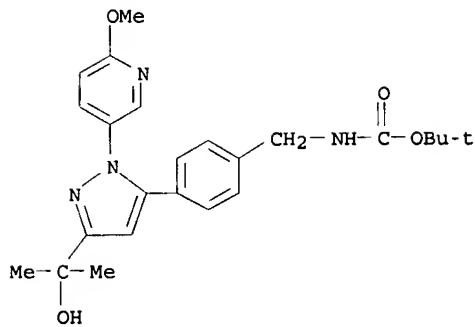
RN 705936-11-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-(2-hydroxyethoxy)phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)

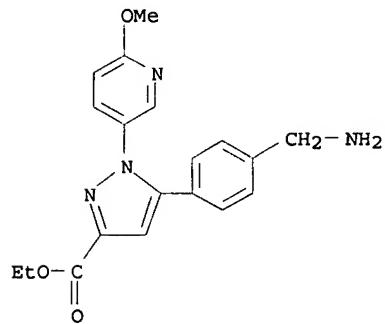


RN 705937-87-7 HCAPLUS

CN Carbamic acid, [[4-[3-(1-hydroxy-1-methylethyl)-1-(6-methoxy-3-pyridinyl)-1H-pyrazol-5-yl]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

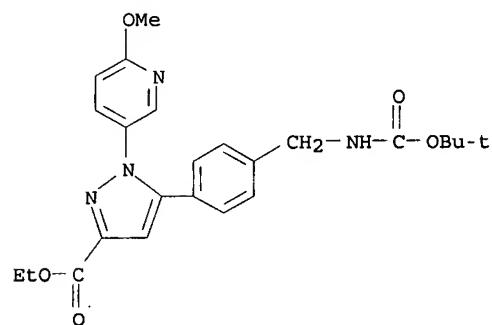


RN 705938-84-7 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 5-[4-(aminomethyl)phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

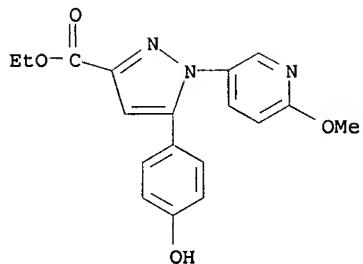


● 2 HCl

RN 705938-88-1 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 5-[4-[(1,1-dimethylethoxy)carbonyl]amino]methylphenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



IT 705939-67-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of pyrazole derivs. useful as COX-1 inhibitors)
 RN 705939-67-9 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 5-(4-hydroxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)

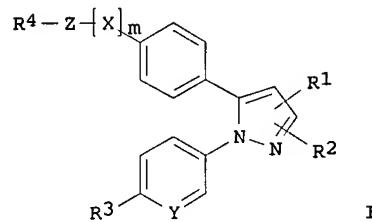


RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 6 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:493568 HCAPLUS
DN 141:54325
TI Preparation of pyrazole derivatives useful as COX-1 inhibitors
IN Shirai, Fumiyuki; Azami, Hidenori; Kayakiri, Natsuko; Okumura, Kazuo;
Nakamura, Katsuya
PA Fujisawa Pharmaceutical Co., Ltd., Japan
SO U.S. Pat. Appl. Publ., 142 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

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US2004116475	A1	20040617	2003US-0706999	20031114 <--
US---7183306	B2	20070227		
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US2007112037	A1	20070517	2006US-0610230	20061213 <--
PRAI 2002AU-0953019	A	20021202	<--	
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2003US-0706999	A3	20031114	<--	

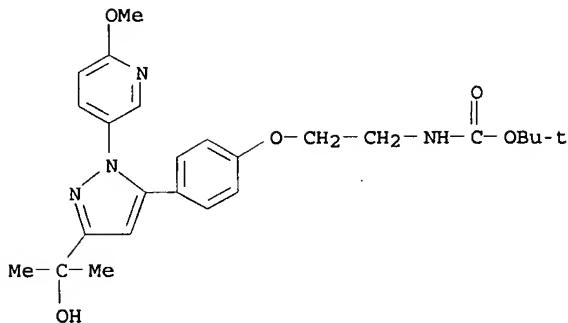
OS MARPAT 141:54325
GI



AB The compds. [I; R1 = H, alkyl; R2 = alkyl, haloalkyl, hydroxyalkyl, etc.; R3 = alkoxy, halo, CN, etc. ; R4 = H, CN, OH, etc.; X = O, S, SO, SO2; Y = CH, N; Z = alkylene, alkenylene; m = 0-1], were prepared E.g., a 3-step synthesis of 4-[3-isopropyl-1-(4-methoxyphenyl)-1H-pyrazol-5-yl]phenol, was given. The compds. I have an inhibiting activity against COX, particularly a selective inhibiting activity against COX-1 (data for representative compds. I is given). The pharmaceutical composition comprising the compound I is claimed.

IT 705933-46-6P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of pyrazole derivs. useful as COX-1 inhibitors)

RN 705933-46-6 HCAPLUS
CN Carbamic acid, [2-[4-[3-(1-hydroxy-1-methylethyl)-1-(6-methoxy-3-pyridinyl)-1H-pyrazol-5-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI)
(CA INDEX NAME)



IT 705934-45-8P 705935-79-1P 705936-08-9P
705936-11-4P 705937-87-7P 705938-84-7P

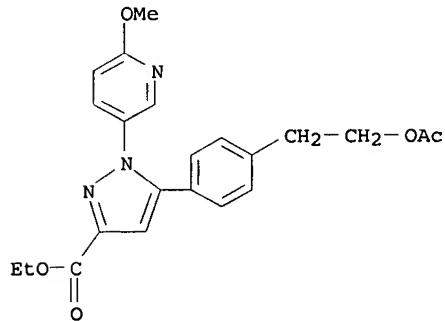
705938-88-1P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrazole derivs. useful as COX-1 inhibitors)

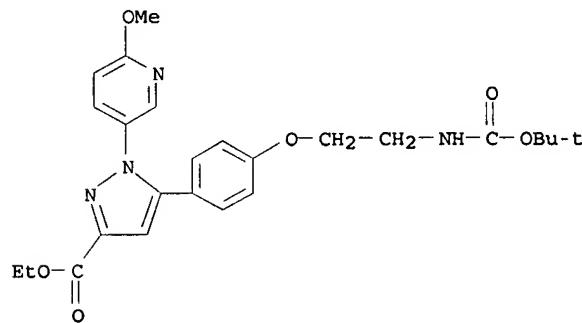
RN 705934-45-8 HCPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-[2-(acetyloxy)ethyl]phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



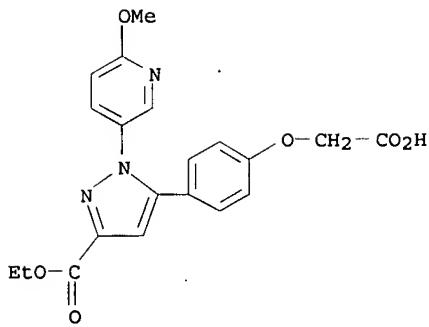
RN 705935-79-1 HCPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-[2-[(1,1-dimethylethoxy)carbonyl]amino]ethoxy]phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)

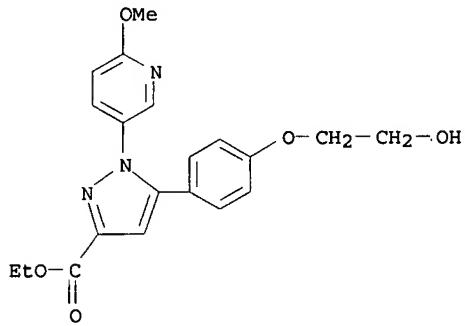


RN 705936-08-9 HCPLUS

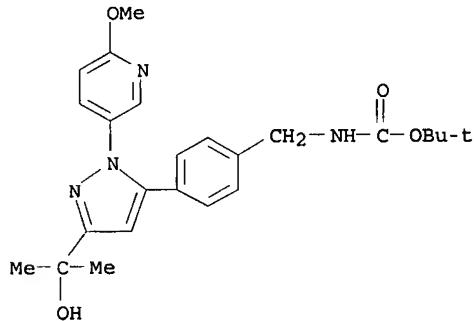
CN 1H-Pyrazole-3-carboxylic acid, 5-[4-(carboxymethoxy)phenyl]-1-(6-methoxy-3-pyridinyl)-, 3-ethyl ester (9CI) (CA INDEX NAME)



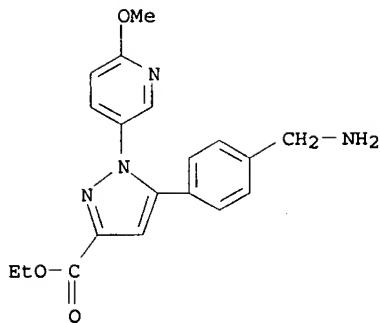
RN 705936-11-4 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 5-[4-(2-hydroxyethoxy)phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 705937-87-7 HCAPLUS
 CN Carbamic acid, [[4-[3-(1-hydroxy-1-methylethyl)-1-(6-methoxy-3-pyridinyl)-1H-pyrazol-5-yl]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

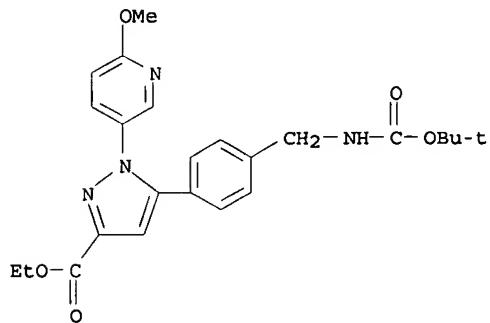


RN 705938-84-7 HCAPLUS
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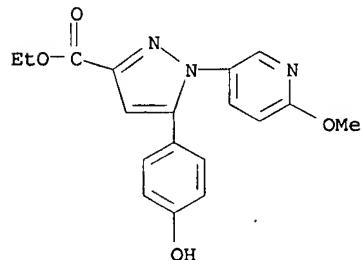


● 2 HCl

RN 705938-88-1 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 5-[4-[(1,1-dimethylethoxy)carbonyl]amino]methylphenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



IT 705939-67-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of pyrazole derivs. useful as COX-1 inhibitors)
 RN 705939-67-9 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 5-(4-hydroxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 7 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 2003:279562 HCAPLUS
 DN 138:304276
 TI Preparation of pyrazoles as glycine transporter protein inhibitors for the treatment of neurodegenerative diseases
 PA Merck Patent G.m.b.H., Germany; Yamanouchi Pharmaceutical Co.
 SO Ger. Offen., 62 pp.

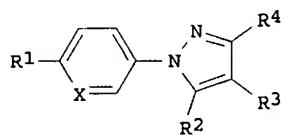
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DT Patent

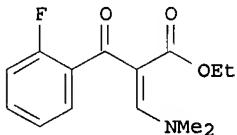
LA German

FAN.CNT 1

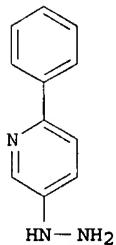
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE-10149370 WO2003031435 WO2003031435	A1 A1 A8	20030410 20030417 20030515	2001DE-1049370 2002WO-EP10172	20011006 <-- 20020911 <--
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	AU2002342675	A1	20030422	2002AU-0342675	20020911 <--
PRAI	2001DE-1049370 2002WO-EP10172	A W	20011006 20020911	<-- <--	
OS	MARPAT 138:304276				
GI					



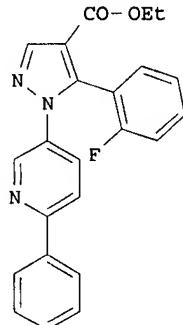
I



II



III



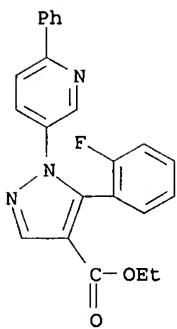
IV

AB Title compds. I [X = CH, N; R1 = H, A, halo, etc.; R2 = Ph, p-chlorophenyl; R3, R4 = H, (CH2)nCO2R5, CHO, etc.; R5 = H, A; A = alkyl, alkenyl, alkoxyalkyl, etc.; n = 0-5] and their pharmaceutically acceptable salts were prepared. For example, condensation of enamine II e.g., prepared from 1,1-dimethoxy-N,N-dimethylmethanamine and 2-fluoro-β-oxo-β-phenylpropenoic acid Et ester, and aryl hydrazine III, e.g., prepared from 2-chloro-5-nitropyridine in 3-steps, provided pyrazole IV (no yield provided). In glycine transporter protein inhibition studies, approx. 71-examples of compds. I exhibited IC50 values ranging from 0.15 - 8.7 μM, e.g., the IC50 value of pyrazole IV = 2.5 μM. Compds. I are claimed useful for the treatment of schizophrenia, depression, dementia, etc.

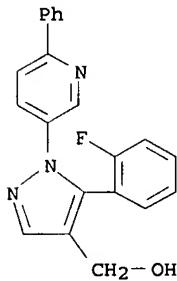
IT 508219-76-9P, 5-(2-Fluorophenyl)-1-(6-phenylpyridin-3-yl)-1H-pyrazol-4-carboxylic acid ethyl ester
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(drug candidate; preparation of pyrazoles as glycine transporter protein inhibitors for the treatment of neurodegenerative diseases)

RN 508219-76-9 HCAPLUS

CN 1H-Pyrazole-4-carboxylic acid, 5-(2-fluorophenyl)-1-(6-phenyl-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



IT 508219-77-0P, [5-(2-Fluorophenyl)-1-(6-phenylpyridin-3-yl)-1H-pyrazol-4-yl]methanol
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (drug candidate; preparation of pyrazoles as glycine transporter protein inhibitors for the treatment of neurodegenerative diseases)
 RN 508219-77-0 HCPLUS
 CN 1H-Pyrazole-4-methanol, 5-(2-fluorophenyl)-1-(6-phenyl-3-pyridinyl)- (9CI)
 (CA INDEX NAME)



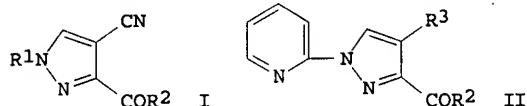
IT 508219-82-7
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of pyrazoles as glycine transporter protein inhibitors for the treatment of neurodegenerative diseases)
 RN 508219-82-7 HCPLUS
 CN 1H-Pyrazole-4-carboxaldehyde, 5-(2-fluorophenyl)-1-(6-phenyl-3-pyridinyl)- (9CI) (CA INDEX NAME)



L24 ANSWER 8 OF 9 HCPLUS COPYRIGHT 2007 ACS on STN
 AN 1987:423332 HCPLUS
 DN 107:23332
 TI Cyanopyrazole derivatives as intermediates for herbicides and algicides.
 IN Beck, James R.
 PA Eli Lilly and Co., USA
 SO U.S., 10 pp. Cont.-in-part of U.S. Ser. No. 549,111, abandoned.
 CODEN: USXXAM

DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US--4631343	A	19861223	1984US-0650160	19840913 <--
PRAI 1983US-0549111	A2	19831107	<--	
OS CASREACT 107:23332; MARPAT 107:23332				
GI				



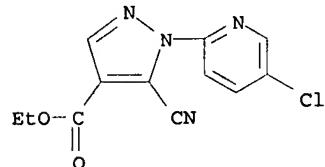
AB The title compds. [I; R₁ = C₅-6 cycloalkyl, 2-quinolinyl, (un)substituted Ph, 2-pyridinyl, 4-pyridinyl; R₂ = C₁-4 (halo)alkyl, (halo)alkoxy, halo] were prepared as intermediates for 5-cyano-1H-pyrazole-4-carboxamide herbicides (no data). 2-Hydrazinopyridine and EtOCH:C(CN)CO₂Et were heated in HOAc to give pyridinylpyrazolecarboxylate II (R₂ = EtO, R₃ = NH₂). This was chlorinated with NaOCl and cyanated with NaCN to give II (R₂ = EtO, R₃ = cyano) which was heated with MeNH₂ to give II (R₂ = MeNH, R₃ = cyano).

IT 98476-17-6P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as algicide and herbicide intermediate)

RN 98476-17-6 HCPLUS

CN 1H-Pyrazole-4-carboxylic acid, 1-(5-chloro-2-pyridinyl)-5-cyano-, ethyl ester (9CI) (CA INDEX NAME)



L24 ANSWER 9 OF 9 HCPLUS COPYRIGHT 2007 ACS on STN

AN 1985:541948 HCPLUS

DN 103:141948

TI Cyanopyrazole herbicides

IN Beck, James Richard

PA Eli Lilly and Co., USA

SO Brit. UK Pat. Appl., 28 pp.

CODEN: BAXXDU

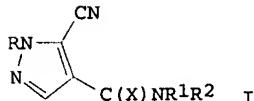
DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI GB--2149403	A	19850612	1984GB-0027972	19841105 <--
GB--2149403	B	19871028		
US--4589905	A	19860520	1984US-0650132	19840913 <--
IL----73418	A	19880229	1984IL-0073418	19841104 <--
EP---151867	A2	19850821	1984EP-0307629	19841105 <--
EP---151867	A3	19870401		
EP---151867	B1	19900110		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT----49404	T	19900115	1984AT-0307629	19841105 <--
DK--8405277	A	19850508	1984DK-0005277	19841106 <--
FI---8404348	A	19850508	1984FI-0004348	19841106 <--
JP--60172968	A	19850906	1984JP-0235946	19841106 <--
BR--8405645	A	19850910	1984BR-0005645	19841106 <--
HU----36345	A2	19850930	1984HU-0004120	19841106 <--
HU----196112	B	19881028		
ES---537400	A1	19860101	1984ES-0537400	19841106 <--
ZA---8408666	A	19860129	1984ZA-0008666	19841106 <--

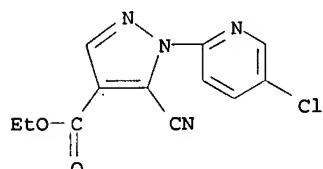
CA---1227483	A1	19870929	1984CA-0467154	19841106 <--
SU---1422996	A3	19880907	1984SU-3812255	19841106 <--
AU---8435148	A	19850516	1984AU-0035148	19841107 <--
AU---572913	B2	19880519		
ES---546905	A1	19860301	1985ES-0546905	19850912 <--
SU---1447281	A3	19881223	1986SU-4028496	19861113 <--
PRAI	1983US-0549133	A	19831107 <--	
	1984EP-0307629	A	19841105 <--	
OS	CASREACT 103:141948;	MARPAT 103:141948		
GI				



AB Cyanopyrazoles I [R = alkyl, cycloalkyl, 2-quinolinyl, (un)substituted Ph, 2-pyridyl, 4-pyridyl; R1, R2 = H, alkyl, alkenyl, alkynyl, cycloalkyl, alkoxy; NR1R2 = piperidino, morpholino, pyrrolidino; X = O, S] (101 compds.) were prepared. Thus, Me₃CNHNH₂.HCl was cyclocondensed with Me₂NCH:C(COMe)CO₂Et to give Et 5-methyl-1-tert-butyl-1H-pyrazole-4-carboxylate, which was brominated with NBS to give the 5-(bromomethyl) compound. The latter compound, by the procedure described by H. B. Hass and M. L. Bender (1949), was converted to the 5-formyl compound, which was treated with H₂NOH.HCl to give the oxime. The oxime was dehydrated with SOCl₂ to give Et 5-cyano-1-tert-butyl-1H-pyrazole-4-carboxylate which was saponified to the carboxylic acid. The acid was treated with carbonyldiimidazole and MeNH₂ to give I (R = Me₃C, R1 = Me, R2 = H, X = O). I are useful both as preemergent and postemergent herbicides (no data).

IT 98476-17-6
RL: RCT (Reactant); RACT (Reactant or reagent)

RN (amidation of)
98476-17-6 HCAPLUS
CN 1H-Pyrazole-4-carboxylic acid, 1-(5-chloro-2-pyridinyl)-5-cyano-, ethyl ester (9CI) (CA INDEX NAME)



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CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATOLD' ENTERED AT 17:42:46 ON 19 SEP 2007
CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 17:42:46 ON 19 SEP 2007
CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

=> d bib abs hitstr 126 tot

L26 ANSWER 1 OF 6 USPATFULL on STN

AN 2007:128681 USPATFULI

TI Pyrazole Derivatives

IN SHIRAI, Fumi yuki, Osaka, JAPAN

Azami, Hidenori, Osaka, JAPAN

Kayakiri, Natsuko, Osaka, JAPAN
Okumura, Kazuo, Osaka, JAPAN
Yoshida, Kuni, Osaka, JAPAN

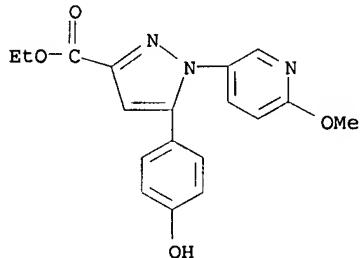
PA Nakamura, Katsuya, Osaka, JAPAN
FUJISAWA PHARMACEUTICAL CO., LTD
corporation)

AI 2006US-000610230 A1 20061213 (11)
 RLI Division of Ser. No. 2003US-000706999, filed on 14 Nov 2003, GRANTED,
 Pat. No. US----7183306
 PRAI 2002AU-2002953019 20021202
 2002AU-2002953602 20021230
 2003AU-2003902015 20030429
 DT Utility
 FS APPLICATION
 LREP OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET,
 ALEXANDRIA, VA, 22314, US
 CLMN Number of Claims: 12
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 9883
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB A compound of the formula (I): ##STR1## wherein

R.¹ is hydrogen or lower alkyl;
 R.² is lower alkyl, etc.;
 R.³ is lower alkoxy, etc.;
 R.⁴ is hydroxy, etc.; X is O, S, etc.; Y is CH or N; Z is lower alkylene or
 lower alkenylene; and m is 0 or 1; or salts thereof, which are useful as
 a medicament.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 705939-67-9P
 (preparation of pyrazole derivs. useful as COX-1 inhibitors)
 RN 705939-67-9 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 5-(4-hydroxyphenyl)-1-(6-methoxy-3-
 pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



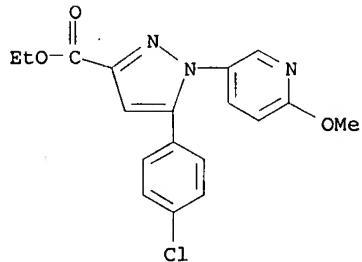
L26 ANSWER 2 OF 6 USPATFULL on STN
 AN 2006:152244 USPATFULL
 TI Pyrazole derivative
 IN Kanaya, Naoaki, Tokyo, JAPAN
 Ishihara, Hiroaki, Tokyo, JAPAN
 Kimura, Youichi, Tokyo, JAPAN
 Ishiyama, Takashi, Tokyo, JAPAN
 Ochiai, Yuichi, Tokyo, JAPAN
 PA DAIICHI PHARMACEUTICAL CO., LTD., Tokyo, JAPAN, 103-8234 (non-U.S.
 corporation)
 PI US-20060128685 A1 20060615
 AI 2004US-000543915 A1 20040206 (10)
 2004WO-JP0001259 20040206
 20050729 PCT 371 date
 PRAI 2003JP-0000031639 20030207
 2003JP-000386515 20031117
 DT Utility
 FS APPLICATION
 LREP OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET,
 ALEXANDRIA, VA, 22314, US
 CLMN Number of Claims: 19
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 8901
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB The present invention is directed to a strong platelet
 aggregation-inhibiting agent which does not inhibit COX-1 or COX-2.
 The present invention provides compounds represented by formula (I) or
 formula (II), salts of the compounds, and solvates of the compounds or

the salts. Also provided are medicaments containing any of the compounds, salts, or solvates and preventive and/or therapeutic agents for ischemic diseases, containing any of the compounds, salts, or the solvates. ##STR1##

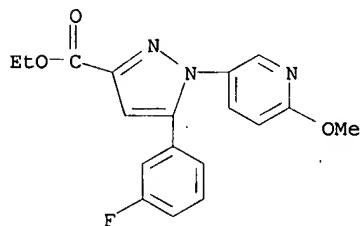
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 741286-30-6P 741286-47-5P 741286-81-7P
 741286-83-9P 741286-88-4P 741286-91-9P
 741286-93-1P 741287-78-5P 741287-84-3P
 (preparation of pyrazole derivs. as antiplatelet aggregation agents for treatment of ischemic diseases)

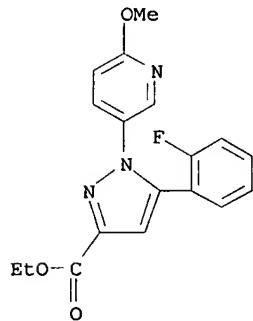
RN 741286-30-6 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



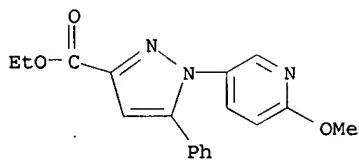
RN 741286-47-5 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 5-(3-fluorophenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



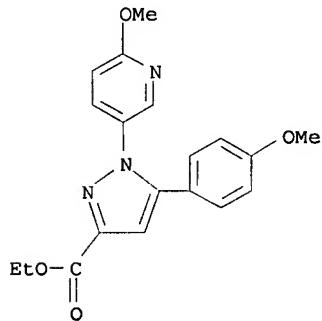
RN 741286-81-7 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 5-(2-fluorophenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



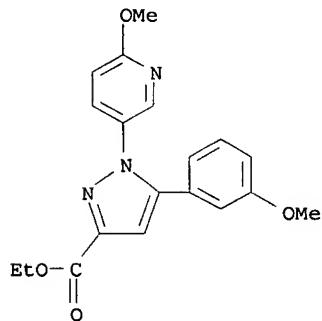
RN 741286-83-9 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



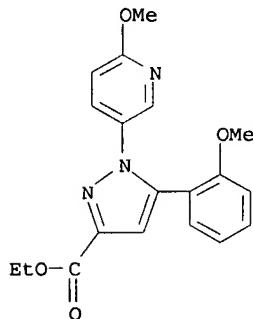
RN 741286-88-4 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 5-(4-methoxyphenyl)-1-(6-methoxy-3-phenylpyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



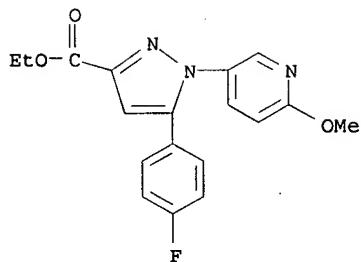
RN 741286-91-9 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 5-(3-methoxyphenyl)-1-(6-methoxy-3-phenylpyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



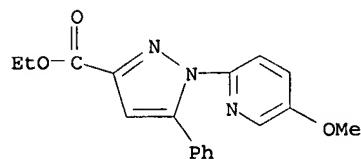
RN 741286-93-1 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 5-(2-methoxyphenyl)-1-(6-methoxy-3-phenylpyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 741287-78-5 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 5-(4-fluorophenyl)-1-(6-methoxy-3-phenylpyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 741287-84-3 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 1-(5-methoxy-2-pyridinyl)-5-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



L26 ANSWER 3 OF 6 USPATFULL on STN
 AN 2004:152253 USPATFULL
 TI Pyrazole derivatives
 IN Shirai, Fumiuki, Osaka, JAPAN
 Azami, Hidenori, Osaka, JAPAN
 Kayakiri, Natsuko, Osaka, JAPAN
 Okumura, Kazuo, Osaka, JAPAN
 Nakamura, Katsuya, Osaka, JAPAN
 PA FUJISAWA PHARMACEUTICAL CO., LTD., Osaka-shi, JAPAN (non-U.S.
 corporation)
 PI US-20040116475 A1 20040617
 US-----7183306 B2 20070227
 AI 2003US-000706999 A1 20031114 (10)
 PRAI 2002AU-2002953019 20021202
 2002AU-2002953602 20021230
 2003AU-2003902015 20030429

DT Utility
 FS APPLICATION
 LREP OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET,
 ALEXANDRIA, VA, 22314
 CLMN Number of Claims: 12
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 9237

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB A compound of the formula (I): ##STR1##

wherein R.¹ is hydrogen or lower alkyl;

R.² is lower alkyl, etc.;

R.³ is lower alkoxy, etc.;

R.⁴ is hydroxy, etc.;

X is O, S, etc.;

Y is CH or N;

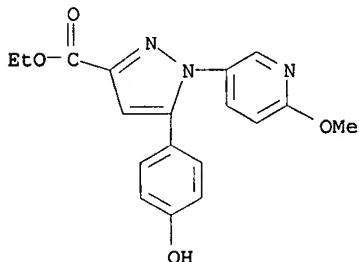
Z is lower alkylene or lower alkenylene; and

m is 0 or 1; or salts thereof, which are useful as a medicament.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 705939-67-9P

(preparation of pyrazole derivs. useful as COX-1 inhibitors)

RN 705939-67-9 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 5-(4-hydroxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



L26 ANSWER 4 OF 6 USPATFULL on STN

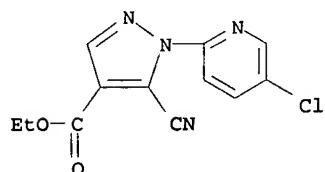
AN 86:73304 USPATFULL
 TI Cyanopyrazole intermediates
 IN Beck, James R., Indianapolis, IN, United States
 PA Eli Lilly and Company, Indianapolis, IN, United States (U.S. corporation)
 PI US----4631343 19861223
 AI 1984US-000650160 19840913 (6)
 RLI Continuation-in-part of Ser. No. 1983US-000549111, filed on 7 Nov 1983, now abandoned
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Schwartz, Richard A.; Assistant Examiner: Briscoe, Kurt G.
 LREP Page, Kathleen R. S., Jones, Joseph A.
 CLMN Number of Claims: 15
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 769

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB 5-Cyano-1-substituted-1H-pyrazole-4-carboxylic acids and esters useful as intermediates to the corresponding 4-carboxamide derivatives having herbicidal and algicidal activity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 98476-17-6P
 (preparation of, as algicide and herbicide intermediate)
 RN 98476-17-6 USPATFULL
 CN 1H-Pyrazole-4-carboxylic acid, 1-(5-chloro-2-pyridinyl)-5-cyano-, ethyl ester (9CI) (CA INDEX NAME)



L26 ANSWER 5 OF 6 USPATFULL on STN

AN 86:29482 USPATFULL
 TI Herbicidal and algicidal 1-aryl-5-cyano-1H-pyrazole-4-carboxamides
 IN Beck, James R., Indianapolis, IN, United States
 PA Eli Lilly and Company, Indianapolis, IN, United States (U.S. corporation)
 PI US----4589905 19860520
 AI 1984US-000650132 19840913 (6)
 RLI Continuation-in-part of Ser. No. 1983US-000549133, filed on 7 Nov 1983, now abandoned
 DT Utility
 FS Granted

EXNAM Primary Examiner: Schwartz, Richard A.; Assistant Examiner: Briscoe,
Kurt G.
LREP Page, Kathleen R. S., Barclay, Bruce J., Whale, Arthur R.
CLMN Number of Claims: 45
ECL Exemplary Claim: 1,33
DRWN No Drawings
LN.CNT 2614

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to compounds of the formula ##STR1##
wherein R.sup.1 is C.sub.1 -C.sub.6 alkyl, C.sub.5 -C.sub.6 cycloalkyl,
##STR2## each of R.sup.2 and R.sup.3 is taken separately and is
independently hydrogen, C.sub.1 -C.sub.4 alkyl, C.sub.3 -C.sub.4
alkenyl, C.sub.3 -C.sub.4 alkynyl, C.sub.3 -C.sub.4 cycloalkyl or
C.sub.1 -C.sub.3 alkoxy, or

R.sup.2 and R.sup.3 are taken together with the nitrogen atom to which
they are attached and form piperidine, morpholine or pyrrolidine;

each R.sup.4 independently is halogen, C.sub.1 -C.sub.4 alkyl, C.sub.1
-Cphd 4 alkoxy, C.sub.1 -C.sub.4 haloalkyl, C.sub.1 -C.sub.4 haloalkoxy
or cyano;

X is O or S; and

m is 0-3;

with the provisos that when R.sup.4 is C.sub.1 -C.sub.4 alkyl, that
substituent exists at other than the 2 or 6 position of the phenyl ring;
and when R.sup.2 is C.sub.1 -C.sub.3 alkoxy, R.sup.3 is other than
C.sub.1 -C.sub.3 alkoxy.

These compounds exhibit activity as terrestrial herbicides, aquatic
herbicides, and aquatic algicides.

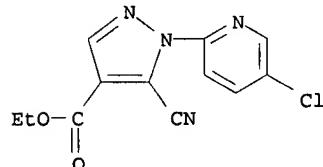
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 98476-17-6

(amidation of)

RN 98476-17-6 USPATFULL

CN 1H-Pyrazole-4-carboxylic acid, 1-(5-chloro-2-pyridinyl)-5-cyano-, ethyl
ester (9CI) (CA INDEX NAME)



L26 ANSWER 6 OF 6 USPAT2 on STN

AN 2004:152253 USPAT2

TI Pyrazole derivatives

IN Shirai, Fumiyuki, Osaka, JAPAN

Azami, Hidenori, Osaka, JAPAN

Kayakiri, Natsuko, Osaka, JAPAN

Okumura, Kazuo, Osaka, JAPAN

Nakamura, Katsuya, Osaka, JAPAN

PA Astellas Pharma Inc., Tokyo, JAPAN (non-U.S. corporation)

PI US-----7183306 B2 20070227

AI 2003US-000706999 20031114 (10)

PRAI 2002AU-2002953019 20021202

2002AU-2002953602 20021230

2003AU-2003902015 20030429

DT Utility

FS GRANTED

EXNAM Primary Examiner: Morris, Patricia L.

LREP Oblon, Spivak, McClelland, Maier & Neustadt, P.C.

CLMN Number of Claims: 6

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 9563

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A compound of the formula (I):

##STR1## wherein R.sup.1 is hydrogen or lower alkyl;

R.sup.2 is lower alkyl, etc.;
 R.sup.3 is lower alkoxy, etc.;
 R.sup.4 is hydroxy, etc.;
 X is O, S, etc.;
 Y is CH or N;
 Z is lower alkylene or lower alkenylene; and
 m is 0 or 1; or salts thereof, which are useful as a medicament.

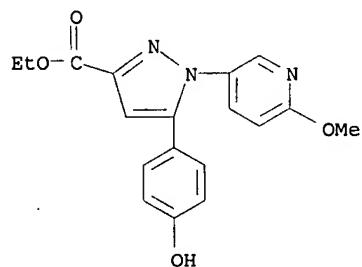
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 705939-67-9P

(preparation of pyrazole derivs. useful as COX-1 inhibitors)

RN 705939-67-9 USPAT2

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-hydroxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



=> d his

(FILE 'HOME' ENTERED AT 17:07:07 ON 19 SEP 2007)

FILE 'REGISTRY' ENTERED AT 17:07:20 ON 19 SEP 2007
 ACT J064C1B/A

 L1 STR
 L2 239539 SEA FILE=REGISTRY SSS FUL L1

 ACT J064C1D/A

 L3 STR
 L4 (239539) SEA FILE=REGISTRY SSS FUL L3
 L5 STR
 L6 (59980) SEA FILE=REGISTRY SUB=L4 SSS FUL L5
 L7 STR
 L8 (30343) SEA FILE=REGISTRY SUB=L6 SSS FUL L7
 L9 STR
 L10 (2389) SEA FILE=REGISTRY SUB=L8 SSS FUL L9
 L11 (27954) SEA FILE=REGISTRY ABB=ON PLU=ON L8 NOT L10
 L12 4795 SEA FILE=REGISTRY ABB=ON PLU=ON L11 AND 46.156.30/RID

 L13 STR L7
 L14 10 L13 SAM SUB=L12
 L15 144 L13 FULL SUB=L12

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 L16 1 US20070010531/PN

FILE 'REGISTRY' ENTERED AT 17:15:07 ON 19 SEP 2007

FILE 'HCAPLUS' ENTERED AT 17:15:09 ON 19 SEP 2007
 L17 TRA L16 1- RN : 174 TERMS

FILE 'REGISTRY' ENTERED AT 17:15:10 ON 19 SEP 2007
 L18 174 SEA L17
 L19 0 L15 AND L18

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L21 27 L20 AND (PD<=20040310 OR AD<=20040310 OR PRD<=20040310)
SEL HIT RN L21

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L23 12 L22 AND (C19H19N3O4 OR C18H16FN3O3 OR C12H9CLN4O2 OR C18H17N3O3

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L26 6 L23

FILE 'HCAOLD' ENTERED AT 17:42:39 ON 19 SEP 2007
L27 0 L23

FILE 'USPATFULL, USPATOLD, USPAT2' ENTERED AT 17:42:46 ON 19 SEP 2007

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